

wherein

R<sub>1</sub> denotes hydrogen or methyl,

R<sub>2</sub> denotes a divalent aliphatic radical (C<sub>2</sub>-C<sub>6</sub>) and

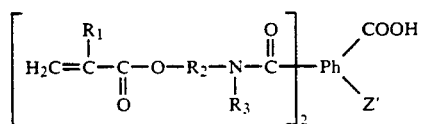
R<sub>3</sub> denotes a monovalent aliphatic radical (C<sub>1</sub>-C<sub>4</sub>),

Y represents COOH, it also being possible for adjacent groups Y to be linked to form an anhydride group (-CO-O-CO-)

Z represents H, X or, if Y denotes COOH, Y and

Ph represents a tri- or tetrasubstituted benzene ring (1,2,3-/1,2,4- or 1,2,4,5-substitution) or a tri- or tetrasubstituted naphthalene ring (1,2,6-/1,4,5-/2,3,6-/1,4,5,8- or 2,3,6,7-substitution).

2. N-Alkyl-N-(meth)acryloyloxyalkylcarboxamides of the formula (II)



in which

R<sub>1</sub> denotes hydrogen or methyl,

R<sub>2</sub> denotes a divalent aliphatic radical (C<sub>2</sub>-C<sub>6</sub>) and

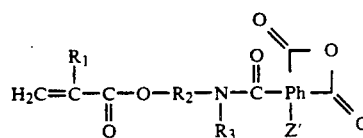
R<sub>3</sub> denotes a monovalent aliphatic radical (C<sub>1</sub>-C<sub>4</sub>),

Z' denotes hydrogen or COOH and

Ph represents a tri- or tetrasubstituted benzene ring (1,2,3-/1,2,4- or 1,2,4,5-substitution) or a tri- or tetrasubstituted naphthalene ring (1,2,6-/1,4,5-/2,3,6-/1,4,5,8- or 2,3,6,7-substitution).

3. N-Alkyl-N-(meth)acryloyloxyalkylcarboxamides of the formula (III)

(III)



in which

R<sub>1</sub> denotes hydrogen or methyl,

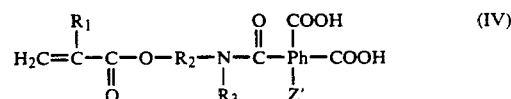
R<sub>2</sub> denotes a divalent aliphatic radical (C<sub>2</sub>-C<sub>6</sub>) and

R<sub>3</sub> denotes a monovalent aliphatic radical (C<sub>1</sub>-C<sub>4</sub>),

Z' denotes hydrogen or COOH and

Ph represents a benzene ring which is tri- or tetrasubstituted (1,2,3-/1,2,4- or 1,2,4,5-substitution) or a tri- or tetrasubstituted naphthalene ring (1,2,6-/1,4,5-/2,3,6-/1,4,5,8- or 2,3,6,7-substitution).

4. N-Alkyl-N-(meth)acryloyloxyalkylcarboxamides of the formula (IV)



in which

R<sub>1</sub> denotes hydrogen or methyl,

R<sub>2</sub> denotes a divalent aliphatic radical (C<sub>2</sub>-C<sub>6</sub>) and

R<sub>3</sub> denotes a monovalent aliphatic radical (C<sub>1</sub>-C<sub>4</sub>),

Z' denotes hydrogen or COOH and

Ph represents a tri- or tetrasubstituted benzene ring (1,2,3-/1,2,4- or 1,2,4,5-substitution) or a tri- or tetrasubstituted naphthalene ring (1,2,6-/1,4,5-/2,3,6-/1,4,5,8- or 2,3,6,7-substitution).

5. Compositions containing carboxamides according to claim 1, a solvent and if appropriate an initiator.

6. Compositions containing carboxamides according to claim 1, a solvent and if appropriate an initiator, said initiator being selected from mono- or dicarbonyl compounds which form free radicals.

7. Compositions containing carboxamides according to claim 1, a solvent and if appropriate an initiator, comprising a coactivator.

8. Compositions containing carboxamides according to claim 1, a solvent and if appropriate an initiator, additionally comprising (meth)acrylic acid esters which can form crosslinkings.

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